

# APPLICANT COPY

Sheet 1 of 3

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. ARIYASU=1 A	SERIAL NO: Not assigned 09/18/17,545
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Toshio ARIYASU et al.	
		FILING DATE: even date here with 07/14/00	GROUP: 1646

U.S. PATENT DOCUMENTS (include at least patentee, patent number, and issue date)

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
an	AA	5,955,595	8/1993	Korsmeyer			J:857 U.S. PTO 09/617545 07/14/00
	AB	5,844,079	12/1994	Ingham et al			
an	AC	5,759,811	11/1996	Epstein et al			
	AD						

FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
an	AE	7 163368	6/27/95	JAPAN				
	AF	0 658 627 A2	6/21/95	EUROPE				
	AG	95 18856	7/1995	WIPO				
an	AH	95 23223	8/1995	WIPO				

OTHER DOCUMENTS (include author, title, name of publication, volume, pages, and date of publication)

an	AI	Nusslein-Volhard, C. et al., "Mutations Affecting Segment Number and Polarity in Drosophila," <u>NATURE</u> , 287:795-801 (1980)
	AJ	Lee, J. J. et al., "Secretion and Localized Transcription Suggest a Role in Positional Signaling for Products of the Segmentation Gene hedgehog," <u>CELL</u> , 71:33-50 (1992)
	AK	Echelard, Y. et al., "Sonic Hedgehog, a Member of a Family of Putative Signaling Molecules, Is Implicated in the Regulation of CNS Polarity," <u>CELL</u> , 75:1417-1430 (1993)
an	AL	Marigo, V. et al., "Cloning, Expression, and Chromosomal Location of SHH and IHH: Two Human Homologues of the Drosophila Segment Polarity Gene Hedgehog," <u>GENOMICS</u> , 28:44-51 (1995)

EXAMINER 	DATE CONSIDERED 11/6/01
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EXAMINER: Initial if reference considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

ARIYASU=1

SERIAL NO. ~~not~~~~assigned~~  
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APPLICANT: Toshio ARIYASU et al.

FILING DATE: ~~on even date~~  
~~herewith~~ 07/14/00

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OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)

AM	The nucleotide sequence of mouse Desert hedgehog gene registered under the accession number "X76292" in "GenBank," a nucleic acid database by National Institute of Health, USA
AN	Kishi, K. "A New Leukemia Cell Line with Philadelphia Chromosome Characterized as Basophil Precursors," <u>LEUKEMIA RESEARCH</u> , 9:381-390 (1985)
AO	Jikken-Igaku-Bessatsu, Saibo-Kogaku Handbook (The handbook for the cell engineering), edited by Toshio KUROKI, Masaru TANIGUCHI and Mitsuo OSHIMURA, published by Yodosha Co. Ltd., Tokyo, Japan (1992)
AP	Jikken-Igaku-Bessatsu, Biomanual Series 3, Idenshi-Cloning-Jikken-Ho (The experimental methods for the gene cloning), edited by Takashi TOKOTA and Kenichi ARAI, published by Yodosha Co., Ltd., Tokyo, Japan (1993)
AQ	Jikken-Igaku-Bessatsu, Shin-Idenshikogaku-Handbook (The Handbook for Genetic Engineering), edited by Masami MURAMATSU, Hiroto OKAYAMA, and Tadashi YAMAMOTO, published by Yodosha Co., Ltd., Tokyo, Japan 269-283 (1996)
AR	Tan-Clone-Kotai-Manual (Experimental Manual for Monoclonal Antibody), edited by Sakuji TOYAMA and Tamie ANDO, published by Kodansha Scientific, Ltd., Tokyo, Japan, 105-152 (1991)
AS	P. Tijssen, Enzyme Immunoassay (Practice and Theory of Enzyme Immunoassays), translated by Eiji ISHIKAWA, published by Tokyo-Kagaku-Dojin, Tokyo, Japan, 196-348 (1989)
AT	Jikken-Igaku-Bessatsu, Biomanual UP Series, Idenshichiryō-no-Kisogijutsu (Basic techniques for the gene therapy), edited by Takashi SHIMADA, Izumi SAITO, and Keiya OZAWA, published by Yodosha Co., Ltd., Tokyo, Japan (1996)
AU	Hammerschmidt, M. et al., "The World According to Hedgehog," <u>TRENDS IN GENETICS</u> , 13:14-21 (1997)
AV	The nucleotide sequence registered under the accession number "AA064660" in "GenBank," a nucleic acid database by National Institute of Health, USA
AW	DNA cloning, Vol.1, edited by D. M. Glover, published by IRL press limited, Oxford, England (1985), pp.109-136
AX	Laemli, U. K., "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4," <u>NATURE</u> , 227:680-685 (1970)
AZ	The nucleotide sequence of a human Sonic hedgehog gene, reported by V. Marigo et al. and registered under the accession number "L38518" in "GenBank," a nucleic acid database by National Institute of Health, USA
BA	ATCC Cell Lines and Hybridomas, Eighth Edition, 1994, edited by Robert Hey, PH.D., et al., published by American Type Culture Collection, Rockville, Maryland, USA (1994), pages describing the cell lines referred to in the specification

EXAMINER

Clara M. Koz

DATE CONSIDERED

11/6/01

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<b>FORM PTO-1449</b>		<b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>	<b>ATTY DOCKET NO.</b>  ARIYASU=IA	<b>SERIAL NO.</b> 09/67,545 Not Yet Assigned
<b>LIST OF DOCUMENTS CITED BY APPLICANT</b> (Use several sheets if necessary)			<b>APPLICANT:</b> Toshio ARIYASU et al	
			<b>FILING DATE:</b> Even Date Herewith o 7/29/88	<b>GROUP:</b> 1646
<b>EXAMINER INITIALS</b>	<b>FOREIGN PATENT DOCUMENTS</b> (include at least document number, publication date and country)			
	BB	<del>Echelard et al, "Sonic Hedgehog, a Member of a Family of Putative Signaling Molecules, is Implicated in the Regulation of CNS Polarity", CELL, 75:1417-1430 (1993).</del> DUPLICATE		
CW	BC	Abstract of XP 002079893, Drumond, "Human Desert Hedgehog", (1996).		
AJ	BD	Tate et al; GenBank Accession Number AB010994, "Human Desert Hedgehog Third Exon", February 14, 1998.		
<b>EXAMINER</b>	Celine M. Kaufman		<b>DATE CONSIDERED</b> 11/6/01	
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